

# EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 11058084  
 PUBLICATION DATE : 02-03-99

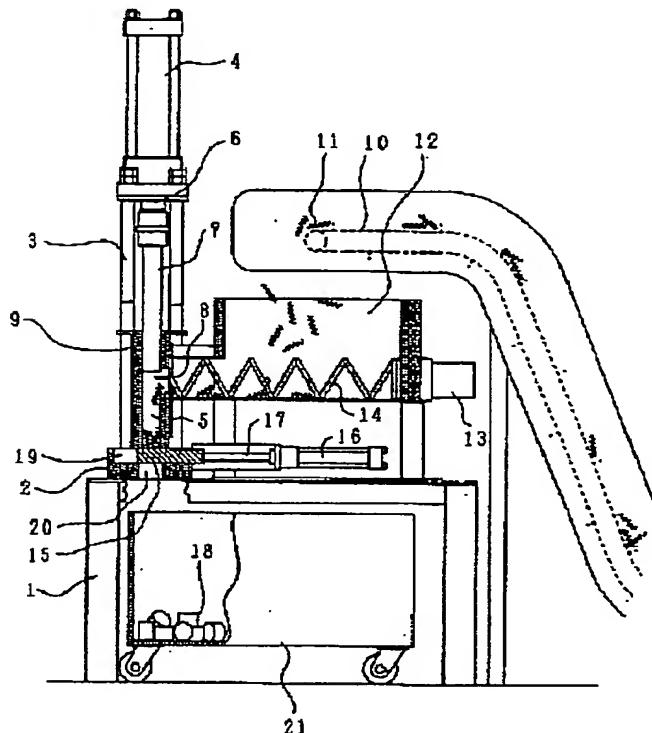
APPLICATION DATE : 25-08-97  
 APPLICATION NUMBER : 09244761

APPLICANT : HITACHI KOKI HARAMACHI CO LTD;

INVENTOR : TAKEDA MUTSUMI;

INT.CL. : B30B 9/28 B23Q 11/00 B30B 9/32

TITLE : CHIP COMPRESSING DEVICE



**ABSTRACT :** PROBLEM TO BE SOLVED: To provide a chip compressing deviceunnecessitating an installation area for a chip carrying cart or the like housing chips other than the installation area for a main body and reducing the installation area.

SOLUTION: Formed parts 18 obtained by compressing chips 11 are pushed out with a compressing ram 7 from a forming chamber 5, when the compressing ram 7 is moved up to the lower end of the forming chamber 5, formed parts 18 are dropped owing to self weight, made to pass through a guide hole 19 communicating to the forming chamber 5, dropped into a discharging hole 20 likewise communicating and discharged. The installation area is reduced by providing a space, which houses the chip carrying cart 21 housing discharged formed parts 18 in the lower part of a device body 1, in the lower side of the discharging hole 20.

COPYRIGHT: (C)1999,JPO

BEST AVAILABLE COPY